

Appln No. 10/512,104
Amdt date November 3, 2005
Reply to Office action of July 28, 2005

Amendments to the Specification:

Replace the paragraph which begins at line 18 on page 5 and which ends at line 24 on page 6 (namely, paragraph 0013 of the application as published on August 11, 2005, Pub. No. US 2005/0176265 A1) with the following:

In another embodiment, the present invention provides a cable end plug assembly for removably electrically connecting a tow vehicle to a towed vehicle. The assembly includes a cable having a plurality of wires disposed therein, a terminal electrically connected to each wire, wherein each terminal includes a first contact end and a first insulative body overmolded to the terminals and a portion of the cable, such that the terminals and the overmolded portion of the cable are embedded in the insulative body, wherein the insulative body includes a first end having openings corresponding to and aligned with each terminal, such that the first end of the insulative body forms a first moiety of a multicontact first electrical connector. The assembly also includes a removable cartridge. The cartridge includes a second nonconductive body having a first end and a second end and a plurality of openings extending from the first end to the second end, a common contact member having a female contact end and an opposite contact end, wherein the female contact end is disposed in and the opposite contact end extends from a corresponding one of the plurality of openings; the cartridge also includes a plurality of conductive noncommon contact members each having a female contact end and an opposite contact end, wherein each female contact end is disposed in and each opposite contact end extends from a respective corresponding one of the plurality of openings, and wherein the first end of the cartridge body forms a plug-type moiety of a second multicontact electrical connector and the second end of the cartridge body forms a second moiety of the first electrical connector, such that the cartridge forms a removable electrical connection with the contacts of the first insulative body when the cartridge is mated to the first insulative body. The assembly further includes a housing within which the first insulative body is disposed with the cable extending outwardly from one end of the housing. The cartridge is removably mounted in an open opposite

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end of the housing so that the opposite ends of the cartridge contacts engage the contacts of the first insulative body and establish a connection between the first and second moieties of the first electrical connector within the housing.